

Huyton - with - Roby

Urban District Council

Annual Report

of the

Medical Officer of Health

For the Year 1963

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HUYTON-WITH-ROBY

URBAN DISTRICT COUNCIL

HEALTH COMMITTEE

(As at 31st December, 1963)

CHAIRMAN

Councillor Mrs. D. CONNAUGHTON

VICE-CHAIRMAN

Councillor G. C. FREEMAN

CHAIRMAN OF THE COUNCIL—Councillor G. W. SEALEY, J.P.

(ex-officio member)

Councillor Mrs. C. BRADLEY

„ W. CONNAUGHTON

„ A. DUNN

„ E. W. JESSUP

„ P. MCGEEHAN

„ Mrs. E. PICK, J.P.

„ A. G. COWIE

HEALTH DEPARTMENT STAFF

Medical Officer of Health :

F. W. BUNTING, M.B.E., M.D., D.P.H.

Deputy Medical Officer of Health :

P. F. M. B. GOULD, M.B., Ch.B., D.P.H.

Assistant Medical Officers :

B. JONES, M.B., Ch.B., D.P.H.

A. M. DUGUID, M.B., Ch.B., (Part-time Sessional)

L. M. SUTCLIFFE, M.B., Ch.B., D.R.C.O.G., D.P.H. (Part-time Sessional)

Dental Officers :

K. PLATT, L.D.S.

R. CHURNEY, L.D.S.

L. A. JONES, L.D.S.

I. I. L. FRANCIS, M.D., Ch.B., F.F.A., R.C.S., D.A. (Anaesthetist)

H. POGPOL, L.D.S., D.Orth. R.C.S. (Consultant Orthodontist)

Visiting Specialists :

J. M. BRODRICK, M.R.C.S., L.R.C.P.

G. T. LENNON, M.B., Ch.B., D.R.C.O.G.

N. W. MARSHALL, M.B., B.S.

R. A. REID, M.A., M.B., Ch.B., D.O.

Chief Public Health Inspector :

C. COOPER, M.A.P.H.I.

Deputy Chief Public Health Inspector :

C. JOHNSON

Senior Administrative Officer :

H. S. ALLEYNE, D.P.A., A.R.S.H.

Home Help Organiser :

Mrs. N. DAVIES, S.R.N. (Retired, May 1963)

Miss J. W. ORME (Appointed June, 1963)

HEALTH DEPARTMENT,
14/16 WESTMORLAND ROAD,
HUYTON,
NR. LIVERPOOL.

To the Chairman and Members of the Health Committee

Mr. Chairman, Ladies and Gentlemen,

I have much pleasure in presenting the Annual Report on the Health of Huyton-with-Roby for the year 1963.

I am happy to report that the health of the District compares very favourably with that of the previous year.

The adjusted birth rate of 20.3 per 1,000 live births is a decrease compared with the previous year, but is appreciably higher than the rate for England and Wales which was 18.2.

The adjusted death rate of 14.5 per 1,000 estimated population is slightly greater than the previous year but compares favourably with the rate for England and Wales.

The Infant Mortality rate of 27.4 per 1,000 live births shows a decrease. There was one maternal death during the year.

No cases of Poliomyelitis or Diphtheria were notified during the year. There was one case of typhoid which was traced back to a carrier resident in a neighbouring district.

The incidence of Pulmonary Tuberculosis shows a marked decrease, 17 cases being notified compared with 27 cases during 1962. The incidence is very much below the average for the previous five years.

During the year the Public Health Inspectors carried out their duties in a very satisfactory manner, and their work is summarized in the body of the report. During the year much of the activities of the Department were centred on Smoke Control.

Delegated Health and Welfare Services

The year under review has been a very satisfactory one with demands on the various services continuing at a high level. Full details concerning the work carried out will be found in the body of the report.

The Home Help Service continues to develop particularly in its work amongst the old and infirm, and there has been a steady increase in the numbers receiving treatment from Chiropodists.

The co-operation between the Health Department, the local General Practitioners, and the Staff of neighbouring hospitals, has been most satisfactory.

I should like to acknowledge the assistance we receive at all times from Dr. S. C. Gawne, County Medical Officer of Health, and his Staff at Preston.

In conclusion, I should like to take this opportunity of expressing my thanks to the Health Committee for their support and encouragement, also the Officials of the Council, in particular to Mr. Colin Cooper, the Chief Public Health Inspector, and Mr. H. S. Alleyne, Senior Administrative Officer.

I am Ladies and Gentlemen,

Your obedient servant,

F. W. BUNTING,

Medical Officer of Health.

GENERAL STATISTICS

Area of the Urban District in acres	...	...	...	...	3,054
Population Census 1961 (Provisional Figures)	...	...	...	...	63,041
Registrar General's estimate of resident population Mid 1963	...	...	...	...	66,910
Number of inhabited houses end of 1963 according to Rate	...	...	...	...	...
Books	...	...	...	...	17,997
Rateable Value	...	...	...	...	£1,635,834
Sum represented by the Penny Rate	...	...	...	...	£6,480

Extracts from the Vital Statistics of the Year

Live Births :-					<i>Total</i>	<i>Male</i>	<i>Female</i>
Legitimate	...	...	...	...	1432	747	685
Illegitimate	...	...	...	...	66	33	33
					1498	780	718

Live Birth Rates per 1,000 population :-

Crude rate	...	...	...	...	...	...	22.4
Adjusted rate	...	...	...	...	...	...	20.4

Mortality Rates per 1,000 population :-

Total (all forms)

Crude rate	...	...	...	...	...	...	8.4
Adjusted rate	...	...	...	...	...	...	14.5

Stillbirth rate per 1,000 total births	...	...	...	...	20.9
Maternal mortality rate per 1,000 total births	...	...	...	...	0.65
Infant mortality rate per 1,000 live births	...	...	...	...	27.4
Neo-natal mortality rate per 1,000 live births	...	...	...	...	18.7
Early Neo-natal mortality rate per 1,000 live births	...	...	...	...	16.7
Perinatal mortality rate per 1,000 live births	...	...	...	...	37.3

Analysis of Deaths

Stillbirths—					<i>Total</i>	<i>Male</i>	<i>Female</i>
Legitimate	...	...	...	...	29	17	12
Illegitimate	...	...	...	...	3	—	3
Maternal deaths	...	...	...	...	1	—	1
Deaths of infants under 1 yr. of age :-							
Legitimate	...	...	...	...	38	25	13
Illegitimate	...	...	...	...	3	2	1
Deaths of infants under 4 weeks of age :-							
Legitimate	...	...	...	...	26	17	9
Illegitimate	...	...	...	...	2	2	—
Deaths of infants under 1 week of age :-							
Legitimate	...	...	...	...	23	14	9
Illegitimate	...	...	...	...	2	2	—

Causes of the Deaths in the Urban District 1963

<i>Causes of Deaths</i>	<i>Male</i>	<i>Female</i>
Tuberculosis, Respiratory	2	1
Tuberculosis, other forms	—	—
Syphilitic Diseases	1	2
Diphtheria	—	—
Whooping Cough	—	—
Meningococcal Infections	—	—
Acute Poliomyelitis	—	—
Measles	—	—
Other infective and parasitic diseases	—	—
Malignant neo-plasm of the stomach	12	6
Malignant neo-plasm of the lung and bronchus	27	8
Malignant neo-plasm of the breast	—	6
Malignant neo-plasm of the uterus	—	5
Malignant neo-plasm of all other sites	25	20
Leukaemia and Aleukaemia	3	1
Diabetes	—	1
Vascular lesions of the nervous system	23	41
Coronary Disease, Angina	69	33
Hypertension with heart disease	2	7
Other heart disease	19	36
Other circulatory disease	7	4
Influenza	—	—
Pneumonia	28	19
Bronchitis	18	19
Other diseases of the respiratory system	6	—
Ulcer of the stomach and duodenum	2	1
Gastritis, Enteritis, and Diarrhoea	—	1
Nephritis and Nephrosis	3	3
Hyperplasia of the Prostate	—	—
Pregnancy childbirth abortion	—	1
Congenital malformations	5	3
Other defined and ill defined diseases	35	24
Motor vehicle accidents	10	—
All other accidents	6	9
Suicide	3	1
Homicide and operations of War	—	2
Totals	306	254

The following Table summarizes the Vital Statistics of the Urban District for the period 1958—1963

Year	Live Births		Deaths (all causes)		Still Births		Maternal Mortality		Infant Mortality Total		Neo-Natal	
	No. Regis- tered	Rate per 1,000 Pop'n	No. Regis- tered	Rate per 1,000 Pop'n	No. Regis- tered	Rate per 1,000 Total births	No. of deaths Regis- tered	Rate per 1,000 live births	No. of deaths Regis- tered	Rate per 1,000 live births	No. of deaths Regis- tered	Rate per 1,000 live births
1963	1498	22.4	560	8.4	32	20.9	1	0.65	41	27.4	25	18.7
1962	1502	22.9	519	7.9	32	20.9	—	—	44	29.3	30	20.0
1961	1292	20.2	506	7.9	34	25.6	—	—	37	28.6	21	16.3
1960	1310	20.9	490	7.8	29	21.7	1	0.75	31	23.7	23	17.6
1959	1371	22.1	434	7.0	30	21.4	2	1.43	32	23.3	23	16.8
1958	1334	21.8	481	7.9	35	25.6	—	—	40	30.0	27	20.2
Average 5 years 1958-1962	1362	21.6	486	7.7	32	22.98	0.75	0.44	36.8	26.98	24.8	18.18

Vital Statistics

The following provisional figures based on the Registrar General's Quarterly Returns for birth and death rates for England and Wales, are shown together with corresponding data in respect of the Urban District.

	Rates per 1,000 population	
	England and Wales	Huyton-with-Roby
Births—		
Live births	18.2	20.4 (c)
Still births	17.3 (a)	20.9
Deaths—		
All causes	12.2	14.5 (c)
Tuberculosis (all forms)	0.063	0.04
Respiratory	0.056	0.04
Non-respiratory	0.007	—
Cancer (all forms)	2.18	1.69
Lung and Bronchus	0.52	1.23
Other Cancer	1.66	0.46
Maternal Mortality (total)	0.28 (a)	0.65
Maternal causes (excluding abortion)	0.22 (a)	0.65
Due to abortion	0.06 (a)	—
Infant Mortality	20.9 (b)	27.4 (b)
Neo-natal Mortality	14.2 (b)	18.7 (b)

(a) Per 1,000 total (live and still) births.

(b) Per 1,000 related births.

(c) Adjusted rate.

(ii) cases of Infectious Diseases during last 10 years.

Disease	1963	1962	1961	1960	1959	1958	1957	1956	1955	1954
Scarlet Fever	23	16	25	19	34	30	34	65	17	22
Measles	460	1221	699	795	341	896	749	587	602	728
Diphtheria	—	—	—	3	2	1	1	2	7	6
Whooping Cough	253	34	16	49	143	34	84	207	224	109
Acute Poliomyelitis—Paralytic	—	—	4	—	—	1	1	1	1	—
Non-Paralytic	—	—	—	—	1	—	—	—	—	—
Pneumonia	23	24	29	32	41	21	39	28	37	20
Dysentery	3	24	10	15	35	36	20	19	102	35
Meningococcal Infection	2	—	—	—	1	1	1	2	3	—
Erysipelas	2	2	3	3	3	3	5	7	3	9
Typhoid Fever	1	—	—	—	—	—	—	—	—	—
Para-Typhoid Fever	—	—	—	—	—	1	—	—	—	—
Food Poisoning	27	27	13	15	16	22	35	49	27	3
Tuberculosis—Respiratory	17	27	21	36	79	50	62	61	74	94
Non-respiratory	4	3	5	5	4	6	5	3	9	7
Ophthalmia Neonatorum	4	1	4	—	1	1	1	—	1	—
Puerperal Pyrexia	—	—	—	—	1	1	2	1	1	—
Totals	819	1379	829	972	702	1104	1039	1032	1108	1033

Ophthalmia Neonatorum

There were four cases of Ophthalmia Neonatorum during the year.

Scarlet Fever

Twenty-three cases were notified during the year. The number of cases notified during the preceding seven years are shown in the following Table. In the main the cases were of a mild type.

Year	Cases
1956	65
1957	34
1958	30
1959	34
1960	19
1961	25
1962	16

Typhoid and Para-typhoid Fever

There has been one case of Typhoid Fever notified in the Urban District during the year.

Dysentery

Three cases were notified during the year—*Shigella Sonne* being the only organisms isolated.

During the year 132 specimens of faeces were submitted to the Bacteriological Laboratories.

Diphtheria

The following Table gives the incidence of this disease during the past sixteen years :-

Year	No. of cases	No. of deaths	Year	No. of cases	No. of deaths
1948	28	—	1956	2	1
1949	8	1	1957	1	—
1950	3	—	1958	1	1
1951	4	1	1959	2	1
1952	6	1	1960	3	1
1953	15	2	1961	—	—
1954	6	1	1962	—	—
1955	7	—	1963	—	—

There were no cases of Diphtheria notified during the year.

Tuberculosis

The number of cases and deaths during the year are as follows :-

Age Group	NEW CASES				DEATHS			
	Respiratory		Non-Resp.		Respiratory		Non-Resp.	
	M	F	M	F	M	F	M	F
Under 5	—	—	—	—	—	—	—	—
5	—	2	—	1	—	—	—	—
15	5	1	—	—	—	—	—	—
25	5	1	—	3	—	1	—	—
45	1	2	—	—	1	—	—	—
65 & over	—	—	—	—	1	—	—	—
Totals	11	6	—	4	2	1	—	—

The following Table gives the incidence of Tuberculosis during the last nine years :-

Year	NEW CASES				DEATHS			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M	F	M	F	M	F	M	F
1955	42	32	4	5	6	4	—	1
1956	34	27	2	1	4	1	1	—
1957	33	29	1	4	3	—	—	1
1958	30	20	2	4	1	3	—	1
1959	40	39	2	2	3	3	—	2
1960	19	17	4	1	6	2	—	—
1961	13	8	—	5	3	1	—	—
1962	21	6	2	1	1	—	—	—
1963	11	6	—	4	2	1	—	—

There has been a decrease in the number of cases of Respiratory Tuberculosis compared with the previous year. Three deaths were reported during the year.

Population

The population returns since 1933 are given below :-

Year	Population	No. of inhabited houses
1933	5,629	1,900
1943	44,920	12,000
1953	57,470	14,240
1963	66,910	17,997

The following statistics for the years 1933, 1943 and 1953, are shown, together with comparable data relating to the year under review.

	1963	1953	1943	1933
Estimated population	66,910	57,470	44,920	5,629
Birth rate per 1,000 population	22.4	19.5	25.3	11.1
Crude death rate per 1,000 population	8.4	7.2	9.8	10.6
Infant mortality per 1,000 births	27.4	39	65	31
Maternal mortality per 1,000 births	0.65	—	2.51	—
Deaths from measles	—	—	2	—
Deaths from diphtheria	—	2	5	—
Deaths from whooping cough	—	2	1	1
Deaths from scarlet fever	—	—	—	—
Deaths from respiratory tuberculosis	0.04	0.26	0.62	0.35
Deaths from tuberculosis (other forms)	—	0.01	0.08	—
Death rate from cancer per 1,000 population	1.69	1.63	1.26	1.06

Details of deaths due to accidents during 1963

(a) The following is a summary of deaths due to accidents which occurred during 1963 indicating the ages of the deceases :-

Cause of Death	Under 1 yr.	1-5	5-15	15-25	25-45	45-65	65 & over	Total
Road traffic accidents	—	2	—	2	2	3	1	10
Falls	—	—	—	—	—	—	7	7
Drowning	—	—	—	2	—	—	—	2
Asphyxia	1	—	—	—	—	1	4	6
Industrial Accidents	—	—	—	—	—	1	—	1

(b) Details of accidental deaths during the past 10 years

Cause of Death	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
Road Traffic Accidents	3	5	6	8	5	5	12	6	5	10
Falls	6	3	2	7	3	6	9	8	4	7
Drowning	1	—	—	1	1	—	—	—	—	2
Asphyxia	1	4	3	2	4	—	6	2	1	6
Industrial Accidental	1	2	—	—	1	1	4	4	2	1
Other causes	2	2	3	3	3	6	2	—	5	—
Totals	14	16	14	21	17	18	33	20	17	26

Deaths from Cancer 1959-1963

Site	1959		1960		1961		1962		1963		Totals		Total
	M	F	M	F	M	F	M	F	M	F	M	F	
Stomach	7	10	4	7	9	3	8	7	12	6	40	33	73
Lung and Bronchus	21	1	22	1	29	3	26	3	27	8	125	16	141
Breast	—	4	—	3	—	9	—	11	—	6	—	33	33
Uterus	—	—	—	5	—	1	—	2	—	5	—	13	13
Other sites	22	19	18	16	20	18	23	29	25	20	108	102	210
Leukaemia and Aleukaemia	—	3	1	2	1	—	—	2	3	1	5	8	13
Totals	50	37	45	34	59	34	57	54	67	46	278	205	483

DELEGATED HEALTH AND WELFARE SERVICES

Care of Mothers and Young Children

Child Welfare Clinics are held at the School Clinics at Derby Road and Twig Lane, and also at the Community Centres at St. John's, Merton Crescent, and Willoughby Road. It is hoped that when the new Centre is opened on the Mosscraft Estate, Clinic facilities will be available there.

The Clinics provide for the routine examination and weighing of babies. Advice is given on various aspects of infant welfare to mothers of children up to the age of five years.

Welfare Foods (National Dried Milk, Orange Juice, Cod Liver Oil and Vitamin Tablets) and certain brands of proprietary foods are on sale, on the recommendation of the Medical Officer.

During the year 14,625 items were distributed as compared with 17,740 in 1962.

The attendances at these Clinics are given below :-

Child Welfare Clinics (1st January to 31st December 1963)

Address	Number of Sessions	Number of Individual children attending			Number of Attendances of children at ages			Average Attendances by all children per session
		Born 1963	Born 1962	Born 1961-58	0-1	1-	2-4 Incl.	
Twig Lane	99	398	266	88	4095	559	433	51
Derby Road	104	312	164	85	3308	296	325	38
Merton Crescent	53	89	57	19	1060	172	204	27
St. John's Manor Farm Road	50	131	104	92	1439	153	293	38
Swanside Willoughby Road	51	131	81	34	1595	136	175	37
Totals	357	1061	672	318	11497	1316	1430	44

Attendances at Child Welfare Centres showed an increase compared with last year, there being a total of 14,243 attendances, as against 13,666 in 1962.

Ante-Natal Clinics

These are held at Derby Road and Twig Lane Clinics, and are attended by Specialist Obstetricians.

The district domiciliary Midwives attend the Clinics, and, together with the Health Visitors take this opportunity of instructing their patients in various aspects of Mothercraft. The discussions and demonstrations which are part of the clinic sessions, help to give the expectant mother confidence, and enable her to know her Midwife before confinement.

The Relaxation Clinic started at Twig Lane in 1962 is proving a great success. The Midwife and Health Visitor in charge of the class have received special training. They give an agreed syllabus of talks and demonstrations which last for several weeks. These cover all aspects of the confinement and early infant care.

Owing to the shortage of hospital accommodation, many patients who wish to be confined in hospital are delivered at home. The Midwife in these cases, reports on the suitability of the home for confinement there.

Ante-Natal Clinics

Address of Clinic	Number of Sessions	Number of Individual Women attending	Number of Attendances
Twig Lane	51	126	411
Derby Road	99	273	1115
Total	150	399	1526

These figures show an increase compared with last year.

Care of Premature Infants

These are infants whose birth weight is $5\frac{1}{2}$ lbs. or less. Prematurity is the commonest cause of death amongst infants under the age of one year.

It is most important that expectant mothers should have expert ante-natal care, in order that any departure from the normal may be detected.

When such infants are to be discharged from hospital, enquiries are made before discharge as to the suitability of the home, and the Midwife or Health Visitor visit as soon as the baby is discharged.

The Midwives have special equipment which is available on loan to the mothers of premature babies.

102 premature infants were born to mothers in Huyton during 1963, 28 at home and 74 in hospital.

PREMATURE BIRTHS. (i.e. live and stillbirths of $5\frac{1}{2}$ lbs. or less at birth, occurring during 1963 in cases where the Mother was normally resident in the area of Huyton-with-Roby).

Weight at Birth	Premature live births									Premature stillbirths		
	Born in Hospital			Born at home and nursed entirely at home			Born at home and transferred to Hospital on or before 28th day			Born in Hospital	Born at home	Born in Nursing Home
	Total	Died within 24 hrs. of birth	Survived 28 days	Total	Died within 24 hrs. of birth	Survived 28 days	Total	Died within 24 hrs. of birth	Survived 28 days			
3 lb. 4 ozs. or less 	16	9	3	—	—	—	1	—	—	9	—	—
Over 3 lb. 4 ozs. up to and including 4 lb. 6 ozs.	18	1	15	3	1	2	1	—	1	5	1	—
Over 4 lb. 6 ozs. up to and including 4 lb. 15 ozs.	16	1	15	3	—	3	—	—	—	1	—	—
Over 4 lb. 15 ozs. up to and including 5 lb. 8 ozs.	24	1	23	19	1	18	1	—	1	2	1	—
Totals ...	74	12	56	25	2	23	3	—	2	17	2	—

Dental Care of Mothers and Young Children

I am indebted to Mr. L. A. Jones, L.D.S., Area Dental Officer, Divisional No. 16 Executive.

As in previous years dental treatment was available at the clinics for both maternity and child welfare patients, and for school children, in accordance with the requirements of the National Health Service and Education Acts.

It was regrettable that during the year no full-time or part-time Dental Officer was recruited to the Delegate District, but the difficulty of staffing the School Dental Service is prevalent throughout the Country. However, the personnel, although below the desirable complement, has remained constant for the last seven years. This has resulted in continuity of outlook and policy, whereas in some parts of the County constant changes of staff has in some cases, rendered the Service less effective.

As in the previous year the District had a case load per Dental Officer of rather more than the County average. Again there was a certain amount of mutual assistance between the County proper and the Delegate District, the County assisting the District with 65 sessions, and receiving in return, an average of two sessions per week.

The average number of weekly sessions at Derby Road Clinic was 15. A weekly evening session was also held there. This evening session originally intended for the benefit of Ante-Natal and Nursing Mothers has proved popular with older school children anxious not to miss school time. The attendance average was 8.5 per session. Routine dental inspection has been maintained, and, although the interval between inspections was rather longer than desirable, it compared favourably with the County average. During the year there were 5,396 routine dental inspections carried out, and as a result of these inspection 2,928 patients were found to require treatment. A Consultant Anaesthetist attending one session per week during the year.

As in previous years the Orthodontic Clinic at Twig Lane which provides a service both for Huyton and the surrounding County areas, proved especially convenient for Huyton children requiring treatment for dental irregularities. A Specialist Orthodontist attends this clinic on an average of 3½ sessions per week. In addition, 129 attendances were made for the treatment of minor orthodontic conditions at Derby Road Clinic.

Improvements in surgery equipment continue to be made. Both surgeries in Derby Road are now equipped with high speed turbine drills. These make the preparation of cavities more comfortable for the patient, and reduce the operating time. Facilities are also provided for the inspection and treatment of mentally handicapped children attending the Junior Training Centre, and during the year small groups of children attended the Clinic on twelve occasions.

Interest in Dental Health Education was again maintained during the year by a continuous and varied display of posters and by talks to mothers and children both at the clinics and in school.

The following tables give details of Dental Treatment during the year.

<i>School Children</i> <i>Inspections : Routine and Special</i> 6,269	Atten- dances	Fillings	Extrac- tions	General Anaest- hetics	Other Oper- ations	Dentures	
						Fitted	Repairs
	3,764	1,599	3,611	1,774	465	19	2
<i>Maternity and Child Welfare</i> <i>Inspections : 231</i>	Atten- dances	Fillings	Extrac- tions	General Anaest- hetics	Other Oper- ations	Dentures	
						Fitted	Repairs
	550	87	323	115	330	49	2

Day Nurseries

There are three day nurseries in Huyton with a total of 130 places for children between the ages of 9 months and 5 years. The Nurseries are open from 7-15 a.m. to 6 p.m.

A standard charge of 9/-d. per day is made for the first child and 4/6d. per day for each additional child. These charges may, however, be reduced on consideration of the financial circumstances of the applicant.

In all instances priority of admission is given to social cases. These are the children of unmarried mothers, widows, widowers, and children whose parents are separated or divorced, or who have deserted them. Accommodation is also provided for children in cases of illness or confinement. All cases are visited by the Health Visitor before admission. Suitable handicapped children may also be admitted. This has proved beneficial both to the children, who are thus able to mix with others of similar age, and to the parents, who are enabled to have a much needed rest from looking after them.

At the end of the year there were 78 social cases on the register. This was 68% of the total number of available places. During the year the Divisional Health Committee requested that places should once more be made available for social cases from Kirkby.

Princess Drive and Park View Nurseries are approved by the Ministry of Education for the training of students for the National Nursery Examination Board.

There has been difficulty during the year in recruiting Nursery staff, particularly Nursery Nurses, and all the nurseries have, in consequence, been working with less than their full complement of staff.

The County Health Committee have been reporting on the condition of certain of the County Nurseries, in order to ascertain whether they could be reasonably maintained for a further period of 10 years. In August the Chairman and Vice-Chairman of the Huyton Health Committee, and representatives of the County Nursing Services Sub-Committee, and of the Huyton and County Architects' Departments inspected the Huyton Nurseries which were included in those scheduled for review.

The following table shows the attendances at the Huyton Nurseries.

Address of Nursery	Accommodation by age groups		Monday to Friday only			No. of children on Register at the end of year	
			No. of days open during year	Total Attendances of ages			
	0-2	2-5			0-2	2-5	0-2
Huyton No. 1. Woolfall Heath Avenue, Huyton	16	23	254	3126	4162	18	23
Huyton No. 2. Princess Drive	13	26	255	2926	5784	22	37
Huyton No. 3. Park View	11	41	255	2555	6165	13	40
Total	40	90	764	8607	16111	53	100

Midwifery Service

There were 10 Midwives employed in Huyton at the end of the year, and of these, three were living in houses or flats owned by the Council.

The purchase of cars through the County scheme is encouraged, so that all the Midwives may be fully mobile. The system of 'group practice' introduced last year is working well.

During the year there were 1,498 live births and 32 still-births. This compares with 1,502 live births and 32 still-births last year.

The confinement took place at home in 578 cases. The number of visits made by the Midwives in 1963 was 17,667 compared with 19,942 in 1962. A total of 955 visits were made between the hours of 9 p.m. and 8 a.m.

The number of patients discharged from hospital before the tenth day after confinement was 151. If a patient is to be discharged early, the hospitals notify the Health Department or the nearest Midwife so that an immediate visit may be made to mother and baby.

Medical Aid was sought on 52 occasions, and I wish to thank General Practitioners for their close co-operation during the year.

The County Supervisor and her Deputy undertake the supervision of Midwives and their assistance has been much appreciated.

The following table gives a summary of the cases attended.

	Live Births			Stillbirths			Cases attended where patient had been confined in hospital and discharged before the 10th day	Deaths	
	As Mat. Nurse	As Midwife	Total	As Mat. Nurse	As Midwife	Total		Mothers	Children under one month
Midwives	23	554	577	3	3	6	151	nil	3
District Nurse/ Midwives	—	—	—	—	—	—	—	—	—
Total	23	554	577	3	3	6	151	nil	3

Ophthalmia Neonatorum, Pemphigus Neonatorum and Puerperal Pyrexia.

There were four cases of Ophthalmia (1 domiciliary and 3 hospital), and none of either Pemphigus or Puerperal Pyrexia.

Health Visiting

The establishment of Health Visitors in Huyton is 16, and at the end of the year the number employed was 14. In spite of intensive advertising we were unable to fill the two vacancies and the Committee therefore, decided to appoint two temporary school nurses to fill these posts.

The duties of Health Visitors now embrace the care of the whole family, infants, school children, the aged, and handicapped persons. They also visit tuberculosis patients and their families (in liaison with the Chest Clinic).

As the Health Visitors are also school nurses there is continuity of supervision maintained through all the stages of child development. Approximately one half of the Nurses' time is devoted to the school Health Service.

The visiting of the aged in the community is absorbing an increasing proportion of the Health Visitors' time and during the year 1910 visits were paid to persons of 65 or over compared with 1,295 in 1962.

There is also close co-operation between Health Visitors and members of the Children's Department, and Inspectors of the National Society for the Prevention of Cruelty to Children. The supervision of 'problem' families is an important aspect of the Health Visitors' work, and further reference will be made to this later in the report.

The close liaison between hospitals and the Health Department results in many requests for visits to patients recently discharged from hospital who may require some measure of follow up.

Supervision of Health Visitors is undertaken by the County Supervisor and her Assistant. Their help and advice has been much appreciated.

The following tables summarise the work of the Health Visitors during the year.

Number of visits paid by Health Visitors during the year

(1)	Expectant Mothers	...	...	...	...	...	690
(2)	Children under 5	...	...	...	...	...	18,728
(3)	Adults excluding Expectant Mothers and Tuberculosis						
	Under 65	...	...	...	...	...	399
	65 and over	...	...	...	...	...	1,910
(4)	Tuberculosis						
	Cases under 65	...	...	...	...	...	606
	Cases 65 and over	...	...	...	...	...	75
	Contacts under 65	...	...	...	...	...	1,257
	Contacts 65 and over	...	...	...	...	...	29
(5)	Others	...	...	...	...	...	1,151
(6)	Ineffective cases	...	...	...	...	...	2,153
	Details of persons/households visited	...	...	...	...	...	14,951

Home Nursing Service

Seven whole time District Nurses and two State Enrolled Nurses were employed in carrying out Home Nursing in Huyton in 1963. In most cases their services are called for by General Practitioners with whom they work in close co-operation. A large proportion of the Nurses' time is devoted to the care of patients suffering from the diseases associated with advancing age, and it will be appreciated that these patients may require longer periods of nursing than those suffering from acute illnesses.

The Nurses made a total of 26,879 visits during the year, compared with 27,119 in 1962.

General Nursing cases attended

i.	No. on registers at end of 1962	...	...	181
ii.	New cases attended during 1963	...	...	700
	Total	...	...	881
iii.	Less cases completed (i.e. attendances ceased during 1963	...	...	717
iv.	No. on registers at end of 1963	...	...	164

Visits paid during 1963

		<i>Day</i>	<i>Night</i>	<i>Total</i>
To general cases on registers	...	23568	453	24021
Casual advisory visits	...	2517	21	2538
Other advisory interviews	...	320	—	320
Total	...	26405	474	26879

The following tables give an analysis of 640 completed cases :-

(1)	<i>Agency of Reference</i>	No.	%
	Services of District Nurses requested by :-		
	General Practitioners	594	92.8
	Hospitals	35	5.5
	T.B. Clinics	1	0.2
	P.H. Authority	5	0.8
	Direct	3	0.5
	Other	2	0.3
(2)	<i>Disposal of Cases</i>		
	Recovered, relieved, etc.	435	68.0
	Admitted to Hospital	103	16.1
	Died	66	10.3
	Gone away	20	3.1
	Out-patient, X-Ray etc.	1	0.2
	Nurse withdrawn	13	2.0
	Other	2	0.3

Home Nursing Service—Duration of Treatments and Frequency of Visits

Disease or Ailment	Duration of Treatments						
	Total No. of cases	Length of Treat- ment (weeks)	Average duration of Treat- ment (weeks)	Total Visits		Average No. of visits (Day & Night)	Average No. of visits per case per wk.
				Day	Night		
Tuberculosis or Respiratory system	13	309·4	23·8	1453	—	111·8	4·7
Other infective and parasitic diseases	24	79·4	3·3	476	—	19·8	6
Cancer	44	358·7	8·2	1956	68	46	5·6
Diabetes	8	47·3	5·9	279	—	34·9	5·9
Anaemias and other Blood diseases	30	738·9	24·6	1365	—	45·5	1·8
Mental, psychoneurotic disorders	3	21·7	7·2	133	—	44·3	6·2
Cerebral haemorrhage, cerebral embolism and thrombosis	9	102·7	11·4	162	—	18	1·6
Other diseases of central nervous system	26	873·7	33·6	2166	—	83·3	2·5
Diseases of eye, ear and mastoid process	18	15·1	0·8	117	—	6·5	8·1
Diseases of heart and circulatory system	35	1085·7	31·0	2907	—	83·1	2·7
Influenza	3	2·9	1·0	26	—	8·7	8·7
Pneumonia	23	30·7	1·3	228	—	9·9	7·6
Bronchitis	91	414	4·5	1827	—	20·1	4·5
Other diseases of respiratory system	54	86·3	1·6	475	—	8·8	5·5
Diseases of digestive system	63	337·7	5·4	1328	2	21·1	3·9
Disease of genito- urinary system	12	49·3	4·1	128	—	10·7	2·6
Disease of skin	44	260·7	5·9	1044	—	23·7	4·0
Disease of bones and organs of movement including rheumatism	22	564·1	25·6	1285	—	58·4	2·3
Senility and ill- defined conditions	71	722·7	10·2	1362	—	19·2	1·9
Burns and Scalds	9	59·7	6·6	197	—	21·9	3·3
Other accidents injuries, etc.	21	153·4	7·3	306	—	14·6	2
All other conditions	17	69·7	4·1	476	—	28·0	6·8
Totals	640	6384	10·0	19696	70	30·9	3·1

Illegitimate Children

The Lancashire County Council have made arrangements with Voluntary Associations for Moral Welfare for the admission of mothers and babies to Homes administered by these bodies.

During the year 10 expectant mothers from Huyton were admitted to such Homes.

Nurseries and Child Minders' Regulations Act, 1948

This Act requires the registration of Factory Nurseries and persons engaged in child minding. There are no Factory Nurseries in Huyton, and at the end of the year no person was engaged in child minding.

Immunisation and Vaccination

Immunisation is carried out at Welfare Clinics, in Schools, and by General Practitioners.

Protection may be given against Diphtheria, Whooping Cough and Tetanus. In most cases a triple injection is given, but single or combined vaccines are also available.

Children entering school are offered a 'booster' dose against Diphtheria and Tetanus, which is given in school.

The total number of children who were immunised against Diphtheria during 1963 was 1,411 compared with 1,200 in 1962. A booster dose was given to 1,182 children—282 more than last year.

Diphtheria Immunisation

Number of children who were immunised for the first time in 1963		Total number of children of all ages who received re-inforcement injections during 1963.
Total under five years	Total aged 5—14 yrs.	1,182
1,082	329	

Vaccination against Smallpox

All mothers with young children are advised to have their children vaccinated, and, as with the other preventive measures, facilities are available at the Clinics, or through General Practitioners.

A total of 540 persons were vaccinated for the first time in 1963, as against 1,869 persons in 1962, and there were 83 re-vaccinations compared with 1,197 last year.

The large number of vaccinations carried out in 1962 was due to increased demand for vaccination, following the occurrence of Smallpox in Bradford and other areas in the early part of that year.

The following Tables give details of the vaccinations which have been performed during the year :-

Primary Vaccinations—Age in years

Under 2	2—	5—	15—	Total
490	16	12	22	540

Re-Vaccinations—Age in years

Under 2	2—	5—	15—	Total
1	2	14	66	83

Poliomyelitis Vaccination

Protection against poliomyelitis is available for children over 6 months, and for adults under 40 years. This is now given by 'oral' vaccine, although the 'Salk' vaccine, which is injected, is still available.

The total number of persons who completed a course of vaccination was 739 compared with 1,251 in 1962—Booster doses were given to 540 persons, compared with 14,254 in 1962.

The large number immunised, or who received booster doses in 1962 was due to the 'carry over' from the Liverpool 'Polio Campaign' in 1961.

The following Table shows the Poliomyelitis vaccinations performed during the year :-

Number of individuals who received a complete course of vaccination.				Number of individuals who received a re-inforcement dose.			
0—4	5—15	16 & over	Total	0—4	5—15	16 & over	Total
631	60	48	739	62	1453	25	1540

Prevention of Illness—Care and After Care

This includes Health Education and propaganda of an advisory nature directed towards the prevention of illness and accidents, advice regarding immunisation, and on many subjects bearing on child care. It is one of the most important duties of the Health Visitor who, by reason of her close contact with the families in her district, is able to give individual help in the home. Talks are given in the Clinics, and these are re-inforced by the distribution of pamphlets, and the display of posters.

Once more attention has been focussed on the prevention of accidents in the home—particularly to the aged, and young children. All who are engaged in Nursing, Health Visiting, and the Home Help Service, are constantly reminded of the very valuable help they can give in pointing out dangers in the home.

The County Health Department provided special exhibits during the year. They also arranged for films on Home Safety to be shown to the Home Helps, Old People's Clubs, and at the Child Welfare Clinics.

A special Home Safety Exhibition organised by Health Division No. 9 was shown during the Huyton Old People's Week in September.

The increase in smoking among school children is a growing problem, and the Department is constantly engaged in propaganda by means of Posters, Leaflets, and Talks. During the year a unit from the Central Council for Health Education, visited several Senior and Junior schools in Huyton, and gave a series of Talks and Films to the children. We are grateful to the Staffs of the schools for their co-operation in this urgent problem.

During the latter part of October the help of the schools was once more sought in a drive to prevent accidents due to fireworks. It is hoped to repeat this in the coming year.

Liaison with Hospitals

There is very close liaison with both Whiston and Broadgreen Hospitals. This has proved very valuable in that the appropriate Services *e.g.* District Nurse or Home Help may be provided with the minimum of delay when a patient is to be discharged from hospital. These Services often enable a patient to be discharged earlier than would otherwise have been possible.

Convalescent Treatment

Convalescent treatment may be recommended by General Practitioners or by hospitals.

For adults a charge is made, according to a recognised scale. Under the School Health Service there is no charge for children of school age.

Transport may be provided at the discretion of the Medical Officer.

During the year convalescence was arranged for 24 adults, and 2 children under 5 years in approved Homes in Lancashire, Cheshire and North Wales.

	Male	Female
Lear Home of Recovery, West Kirby	—	6
Horncliffe Convalescent Home, Blackpool ...	—	3
The Blackburn and District Convalescent Home, St. Annes-on-Sea	1	2
The Heath Memorial Convalescent Home, Llan- fairfechan	1	—
The Binswood Red Cross Home, Didsbury Manchester	2	2
The Boarbank Hall Convalescent Home, Grange- over-Sands	2	3
Evelyn Devonshire Convalescent Home, Buxton	1	1

Children

Bryn Aber, Abergele	—	1
West Kirby Home, West Kirby	1	—

Supply of Nursing Equipment

Nursing equipment is available on loan without charge, and the following list indicates the equipment in stock at the end of the year.

Air rings (all types)	22
Bed cradles	4
Beds, hospital	3
Bed lifting pole attachments	3
Bed mattresses, Dunlopillo (in one or two pieces)... ..	3
Bed pans, rubber	3
Bed pans, all other types	44
Bed rests	30
Blankets	2
Chairs, invalid, adult	20
Crutches, wood, adult (pairs)	2
Urinals, female	3
Walking aids—Walking frame, 3 wheel	1
‘ Worral ’ sticks	4
Clinitest sets	1
Steam Kettle	1
Inhalers	3
Douche Can	1
Chair Invalid (child)	1
Urinals, Male	4

Problem Families—Children neglected or ill-treated in their homes.

Many Statutory and Voluntary bodies are concerned with the care of these families, and in order to co-ordinate their work, regular meetings are held at which particular families are discussed.

Apart from the Staff of the Health Department the following Departments and Organisations send representatives :-

The Area Children's Officer
 The Education Officer
 The N.S.P.C.C.
 The Housing Department
 The Probation Service

Some of these families present, at times, insuperable problems, but it is often possible by co-ordinated effort, to bring about some improvement. By delegating the task to a particular individual a multiplicity of visits to one family is avoided, and it is felt that close liaison between Departmental Staffs is very valuable. The Staffs of the Clinics have frequent informal meetings with others concerned with problem families, and it is certain that by this means breakdowns are often prevented.

Tuberculosis

The Chest Clinic in Blue Bell Lane is administered by the Liverpool Regional Hospital Board. The Consultant Physician is Dr. R. H. M. Ross.

The After-Care of Tuberculosis patients and their families is carried out by the Health Visitors who, by their regular visits to the Chest Clinic, are in close touch with the Chest Physician and the patients. Their work includes the follow-up of contacts and giving advice on the principles of hygiene and the prevention of infection.

Assistance given to Tuberculosis patients includes extra nourishment (on the recommendation of the Chest Physician), the provision of items of nursing equipment and of beds and bedding. Cash grants may be made by the Ministry of National Insurance.

Domestic assistance may be provided through the Home Help Service. Home Helps attending such households are volunteers and undergo periodic X-Ray examinations.

49 cases were provided with eggs, butter, milk and Horlicks during the year.

The following figures show the work of the Health Visitors in connection with Tuberculosis during the year.

1. First visits to new cases	...	...	...	...	16
2. Cases visited—under 65 years	...	...	...	...	606
over 65 years	...	...	...	...	75
3. Contacts visited—under 65 years	...	...	...	...	1257
over 65 years	...	...	...	...	29
4. Number of tuberculosis households visited	...	...	...	...	311

Chiropody Service

This service provides free treatment for persons of pensionable age, handicapped persons and expectant mothers.

Sessions are held at Derby Road and Twig Lane Clinics. If the patients are not able to attend there they may be treated at home.

Once again the increased demand for treatment necessitated an increase in the number of sessions during the year.

A total of 3,439 treatments were given as against 2,760 last year. The number of patients requiring domiciliary treatment also increased, and 979 home treatments were given as against 754 in 1962. There were three part-time Chiropodists employed in Huyton in 1963.

The number of cases who received treatment during the year is as follows :-

Category of Patient	Patients	Number of Treatments
Aged Persons	611	3396
Handicapped	8	39
Expectant Mothers	3	4
Total	622	3439
<i>Place of Treatment</i>		
Clinic	470	2460
Home	152	979
Total	622	3439

Home Help Service

The Service continues to expand and provides indispensable help to many of the chronic sick and to the aged and infirm.

There were 83 Helps working in Huyton at the end of the year compared with 70 at the end of 1962. The number of cases who received help during the year was 451, 37 more than last year. Nine cases received help from the Service at night.

In many cases a few hours of help in the week may enable old people to maintain their independence. The availability of help is often a factor in earlier discharge from hospital, thus relieving the pressure on hospital beds.

The combined use of District Nurses, Health Visitors, Home Helps and Voluntary Organisations does much to help the chronically ill. It has been found possible in many cases to keep patients at home, when without the help of the various services they would have to be admitted to the chronic wards of our local hospitals.

A series of lectures to the Helps has been started and is proving very popular. The subjects covered included, Home Nursing, Midwifery, and dietary problems of the Aged.

The Home Help Organiser regularly visits the cases receiving help.

The basic charge for the Service is 4/6½d. per hour but applicants pay according to their means.

In May we were sorry to lose the services of Mrs. N. Davies, S.R.N., owing to her retirement.

Prior to becoming Home Help Organiser with Division No. 9 in 1948 Mrs. Davies had initiated the Home Help Service in Huyton in 1947, where she held the post of Home Help Organiser and Diphtheria Immunisation Nurse. Mrs. Davies returned to Huyton in 1960 when the district was granted delegation. Our thanks are due to Mrs. Davies for her many years of devoted service to the work, and we wish her well in her retirement.

The table below indicates the type of case for which Home Help was provided during the year. It will be seen that the greater part of the Service is devoted to providing help to the chronic sick, aged and infirm.

Special Cases (Problem Families) ...	...	...	1
Home Confinements... ..	...	...	29
Confinements away from home ...	...	...	2
Tuberculosis aged 65 or over ...	...	...	3
Tuberculosis aged under 65 ...	...	...	6
Chronic sick aged under 65... ..	...	...	47
Chronic sick, aged and infirm aged 65 or over ...	...	...	287
All other cases aged 65 or over ...	...	...	2
All other cases under 65 ...	...	...	74
Total ...			451

MENTAL HEALTH SERVICE

The Mental Health Act of 1959 has now been in operation for three years.

Under the provisions of the Act patients may be admitted to a Psychiatric Hospital, or indeed to any other hospital, without legal formalities being employed. The Act does provide for compulsory removal to hospital where necessary.

Very close co-operation is maintained between the Psychiatric Hospitals and Clinics, and the Mental Health Staff.

Mental Illness

It will be appreciated that a certain number of patients are admitted to hospital on an informal basis, who do not wish to avail themselves of the services of the Local Health Authority. In these circumstances it is difficult to present a comprehensive review of mental illness in the community.

The following cases were dealt with under the provisions of the Mental Health Act, 1959, during 1963 :-

<i>Admissions to Hospital</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>
1. On an informal basis (section 5)	22	18	40
2. Under section 25 (28 days observation) ...	6	11	17
3. Under section 26 (Treatment Order)	5	1	6
4. Under section 29 (3 day Emergency Observation Order)	24	19	43
5. Under section 60 or 65 (Court Orders) ...	nil	nil	nil
6. Patients examined, but no order made ...	nil	1	1

Mental Subnormality

(a) *Mentally subnormal children under 16 years of age*

	<i>Male</i>	<i>Female</i>	<i>Total</i>
1. No. of children on Register at 31.12.63 ...	25	20	45
2. No. of children reported to be mentally subnormal during the year (section 57—Education Act 1944)	8	3	11
3. No. of cases transferred from other areas ...	1	3	4
4. No. of cases admitted to hospital during the year	3	1	4
5. No. of cases awaiting hospital care at 3.12.63	4	4	8
6. No. of children attending Huyton Gate Junior Centre	20	17	37
7. No. of children awaiting admission to Training Centre	1	1	2
8. No. of children awaiting Creche accommodation	4	2	6

(b) *Mentally sub-normal adults (over 16 years of age)*

	<i>Male</i>	<i>Female</i>	<i>Total</i>
1. No. of adults on Register December 31st, 1963	55	69	124
2. No. of cases referred under section 57 Education Act, 1944 (i.e. for supervision after leaving school)	1	2	3
3. No. of cases transferred from other Areas ...	3	2	5
4. No. of cases referred by other agencies ...	1	2	3
5. No. of adults attending Huyton Gate Senior Centre (of whom 8 were transfers from Junior Centre on attaining 16 years of age)	16	26	42
6. No. of cases refused or unsuitable for Training Centre	13	20	33
7. No. of cases on waiting list for Adult Training Centre	1	—	1
8. No. of cases in employment at Dec, 31st, 1963	26	22	48
9. No. of cases removed from Register due to death or other reasons	2	4	6

Community Care Visits

1. No. of visits made Mental Welfare Officer/Mental Health Visitor to homes of subnormals... ..	486
2. No. of visits made to Psychopathic/mentally ill patients, in their homes by Mental Welfare Officer/Mental Health Visitor	398
3. Miscellaneous Mental Health and Welfare Visits	177

Short Term Care

During the year vacancies were obtained for 11 patients during periods of family stress or illness, at the following Homes or Hospitals :-

Orchard Dene, Rainhill	3 vacancies
St. Gabriel's Home, Woolton	4 vacancies
Regional Hospital Board	4 vacancies

Admissions to Hospital

The provision of hospital accommodation for the mentally subnormal is still inadequate.

Four children and one adult were admitted to hospital for long term care and treatment during the year. At the end of December seven patients were awaiting vacancies.

Training Centres

The Huyton Gate Training Centre serves both Huyton, and Division No. 9 of the County.

There were 79 patients from Huyton attending at the end of the year, 37 in the Junior Department and 42 in the Senior.

In the Junior Section which takes children up to 16 years the emphasis is mainly on social training. The children have lessons in painting, model making and dancing. They are taught to do simple household tasks, and the older members do handicraft e.g. making rugs, mats and papier mache goods.

In the Senior Department training is given in light engineering, woodwork, painting etc. Steady progress is being maintained in regard to industrial contract work, and the Trainees are paid an incentive bonus.

Social Club for the Mentally Handicapped

In August a Meeting was held under the Chairmanship of Councillor G. W. Sealey, J.P., Chairman of Huyton-with-Roby Urban District Council, when a Steering Committee was formed to organize the establishment of a Social Club.

The Club, under the Chairmanship of Councillor Mrs. Connaughton, held its first meeting at the Huyton Gate Training Centre on the 16th October, when there was a party for the Members. Some 54 subnormal youths (16 years and upwards) attended this first night which was a great success, made possible in no small measure by generous gifts in cash and kind, from voluntary organisations and private individuals. The Club now meets each Wednesday evening at the Training Centre. Some 40 members attend each week, and take part in various games such as Table Tennis, Billiards, Dominoes etc., The 'Bingo Session' which takes place after refreshments is very popular. Small prizes are given for the various games. A very successful Christmas Party rounded off the first 'term's' activities.

I wish to thank the many who have helped in the formation and running of the Club, in particular the Parents' Association, members of the Rotary Club, Women's Voluntary Service, and the Churches, Red Cross, and Girl Guides whose young members assist at the Club evenings. There is no doubt that the formation of the Club has filled a long felt need in Huyton.

OCCUPATIONAL THERAPY

The duties of the Occupational Therapist include visiting handicapped Persons in their homes, giving advice regarding employment (often in association with the Disablement Resettlement Officer) and suggesting appliances and modifications to domestic fittings which may help these people to lead normal lives. Adaptations to property, such as the widening of doors to take wheel-chairs, provision of ramps, and alterations to toilet equipment come within the scope of the Occupational Therapist's work, and during the year there were 9 such adaptations carried out at a total cost of £81 10s. 0d.

At the end of the year the number on the Register of Handicapped Persons was 164—66 males and 98 females. A total of 769 visits was made to the homes of these patients.

The Huyton Handicapped Persons Club meets twice weekly at St. John's Community Centre, and about 60 persons attend each week. The primary aim of the Club is social rehabilitation, and the success of the scheme became apparent when during the absence of the Occupational Therapist because of illness, the Club organised a very successful Christmas Party without any assistance from staff.

Other activities which were organised by the Club during the year were an Easter Bonnet Competition, a visit to Southport, and a Boat Trip on the River Dee which was kindly paid for by the Huyton Rotary Club.

In September a party of 20 were taken to the Middleton Towers Holiday Camp for a week's holiday. The Occupational Therapist and students from the Huyton School of Occupational Therapy accompanied the party, and we are grateful for all the good work they did during the week. This was the first occasion when the bus given by the Huyton Rotary Club was used.

This bus was specially adapted to take wheel chairs and was given for the use of the Handicapped in Huyton. It is used to transport some of the handicapped to their club afternoons and has made it possible for more people to attend than would otherwise have been possible. Further plans for using the bus for other classes of handicapped persons are well advanced, and it is hoped to put these into operation in the New Year.

The Swimming sessions at Dovecot Baths continued and were very popular. Besides our own handicapped persons a party of children from the Spastic Centre at Alder Hey Hospital, and some adults from the Huyton Gate Training Centre and an instructor have joined the session. The students from the Occupational Therapy Training School also help our staff on these occasions.

It is hoped that the special bus will be able to help some patients who find it difficult to come to the Baths by public transport.

There is very close liaison between the Health Department and Local Hospitals, and every endeavour is made to anticipate any requirements of patients in respect of adaptations or other aids, before they are discharged from hospital.

The Voluntary Organisations have once again given invaluable assistance, and I wish to thank the Rotary Club, the Women's Voluntary Organisations and the Red Cross for their help.

SANITARY CIRCUMSTANCES OF THE AREA

Water Supply

The water supply for the District is obtained from the Corporation of Liverpool, and is satisfactory both in quality and quantity. Water is supplied from the public mains as follows :-

- (a) Direct to dwelling houses :- 18,454 dwelling houses.
 (b) By means of stand pipe :- None.

Drainage and Sewerage

The greater part of the District is served by disposal works employing sedimentation tanks percolating filters, and sludge digestion plant. D.W.F. 2 million gallons per day. Capable of taking 2.5 D.W.F. Close control is being kept on trade effluent due to expansion of the industrial estate.

Closet Accommodation

Privy Middens	Nil
No. of closets attached to these middens	Nil
No. of pail closets	Nil
No. of movable ash bins	21,000
No. of houses on the water carriage system	21,000

HOUSING

Housing Statistics for 1963

No. of new houses erected during the year :-

	<i>Houses</i>	<i>Flats</i>
(i) By the Local Authority	32	169
(ii) By other Local Authorities	—	320
(iii) By other Bodies or persons	93	1
	125	490

1. Inspection of dwelling houses during the year :-

1. (a) Total number of dwellings inspected for housing defects (under Public Health or Housing Acts) ... 1,273
- (b) Number of inspections made for the purpose ... 2,461
2. Dwelling houses unfit for human habitation, and not capable at reasonable expense of being rendered fit :-
 - (a) Number found during the year —
 - (b) No. or estimated No. at end of year 31
3. Number of dwelling houses found during the year to be not in all respects reasonably fit for human habitation, but capable of being rendered fit 160

2. *Repairs during the year*

(a) Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their Officers	98
(b) Public Health Acts—action after service of formal notices House in which defects were remedied :-	
(i) By owners	11
(ii) By Local Authorities in default of owners	—

3. *House Purchase and Housing Act 1959—Standard Grants :-*

Action during the year :-

	No. of schemes	No. of houses & buildings affected
(a) Submitted to Local Authority	5	5
(b) Approved by Local Authority	5	5
(c) Work completed	6	6

Work completed in 2 cases approved in 1962.

FACTORIES ACT, 1937 and 1948

Annual report of the Medical Officer of Health in respect of the year 1963, for the Urban District of Huyton-with-Roby in the County of Lancaster.

Part I of the Act1. **INSPECTIONS** for the purposes of provisions as to health (including inspections made by the Public Health Inspectors.)

Premises	No. on Regist.	Number of		
		Inspections	Written notices	Occupiers prosecuted
(i) Factories in which Sections 1, 2, 3, 4 and 6, are to be enforced by Local Authorities.... ..	5	5	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	28	33	—	—
(iii) Other premises in which Section 7 is enforced by the Local Authority* — (excluding outworkers premises)	4	—	—	—
Total	37	38	—	—

2. Cases in which DEFECTS were found

(If defects are discovered at the premises on two, three or more separate occasions, they should be reckoned as two, three or more 'cases')

Particulars	Number of cases in which defects were found				No. of cases in which prosecutions were instituted
	Found	Remedied	Referred		
			To H.M. Inspect.	By H.M. Inspect.	
Want of cleanliness (S.I.)	—	—	—	—	—
Sanitary Conveniences (S.7)	—	—	—	—	—
(a) Insufficient	—	—	—	—	—
(b) Unsuitable or defective	—	—	—	—	—
Total	—	—	—	—	—

*i.e. Electrical Stations 103(1). Institutions (Section 104) and Sites of Building Operations and Works of Engineering Construction (Section 107 and 108).

Outwork—(Sections 110 and 111)

No. of out-workers in August list required by Section 110 (1) (c) :-

Nature of work—Making etc., of Wearing Apparel ... 12

Work of the Public Health Inspectors

Complaints

Complaints have been received and investigated as shown below :-

Defects

Number

Drainage	182
Refuse Accommodation	39
Housing	169
Rat Nuisances	716
General Nuisances	123
	1229

Notices Served

Preliminary Notices	241
Statutory Notices	41

Disinfestation

One house was found to be bug infested, and Disinfestation was carried out by the Department.

During the year 18 private houses were also treated for cockroach infestation, the occupiers paying the cost of the work.

Drainage

During the year 132 drains were inspected for defects or cleared of stoppage by the Department.

Interviews

During the year the Public Health Inspectors have had 261 interviews with landlords or contractors.

Summary of Inspectors Visits

Bakehouses	...	...	...	...	...	5
Factories and Workshops	...	...	...	...	...	33
Dairies	...	...	...	...	...	5
Food Premises and Sampling	...	...	...	...	...	753
Investigation of Infectious Diseases	...	...	...	...	...	181
Investigation of Public Health Nuisances	...	...	...	...	...	2314
Shops Act 1950	...	...	...	...	...	124
Rodent Investigations	...	...	...	...	...	81
Drainage	...	...	...	...	...	672
Refuse Accommodation	...	...	...	...	...	27
Clean Air Act	...	...	...	...	...	1843
Miscellaneous	...	...	...	...	...	549
						6587

CLEAN AIR ACT 1956

During the year our No. 3 Smoke Control Order became operative on the 1st July.

Unfortunately due to the uncertainty of future supplies of soft coke, as pointed out in the Ministry Circular 69/63, our programme is being somewhat slowed down. As owners of property in future areas will have to instal much more expensive appliances to enable them to burn the harder types of fuels, the cost of these areas will increase considerably.

We had intended to have No. 4 area survey completed, and submitted to the Minister for confirmation, but this area, in the light of recent developments, has now to be re-surveyed.

The following is a summary of the areas at present covered by Smoke Control Orders.

Order	Place	Area in Acres	Number of Properties	Date of Operation
No. 1	Swanside	82	977	1.11.61
No. 2	Swanside	95	891	1.7.62
No. 3	Swanside and St.Bart's (part)	70	880	1.7.63

Inspection and Supervision of Food

Milk and Dairies Regulations 1959

All milk for the District comes from large producers outside the area, and it is delivered to dairy premises within the District in sealed bottles.

At the end of the year there were registered :-

38 Distributors of Milk to be sold in sealed bottles only from shops.
3 premises as Dairies.

Milk (special designations) Regulations 1960

Number of Dealers Licences to sell pre-packed milk in force at the end of the year in respect of :-

(i) Tuberculin Tested	...	...	...	32
(ii) Pasteurised	...	...	...	34
(iii) Sterilised	...	...	...	38

Bacteriological Examination of Milk

The following Table gives the results of routine examination of milk samples taken in the District :-

	Number of Samples	Results
PASTEURISED MILK		
Phosphate Test	92	All Satisfactory
Methylene Blue Reduction Test	92	3 Unsatisfactory
STERILISED MILK		
Turbidity	53	All satisfactory
RAW MILK		
Tuberculosis Test	1	Satisfactory

Ice Cream

There are 63 premises within the District, registered under Section 16 of the Food and Drugs Act, 1955, from which Ice Cream is sold. Sixty-two are Dealers only, and one is a manufacturing Dealer. Premises are frequently inspected, and all operations regularly scrutinised. Conditions are satisfactory on all these premises.

There are 7 vendors of Ice Cream registered under the Lancashire County Council (General Powers) Act 1951.

During the year 24 samples were taken and submitted for the methylene blue test, with the following results :-

Grade 1	...	...	15
Grade 2	...	...	6
Grade 3	...	...	1
Grade 4	...	...	2

Other Food Premises

All premises where food is sold, or prepared for sale, are regularly inspected. Their condition is generally good. The following is a summary of the inspections :-

Bakehouses	...	...	...	...	...	5
Restaurants	...	...	...	...	...	40
Dairies	...	...	...	...	...	5
Fishmongers	...	...	...	...	...	17
Ice Cream Premises	...	...	...	...	...	7
Butchers' Shops	...	...	...	...	...	68
Licensed Premises	...	...	...	...	...	27
Grocer's Shops	...	...	...	...	...	136
Greengrocers	...	...	...	...	...	42
Fried Fish Shops	...	...	...	...	...	4
Confectioners, General Stores, etc.	...	...	...	...	...	59
						410

Twenty Notices were served during the year under the Food Hygiene Regulations 1960.

Canteens

The various works canteens are also regularly inspected, and these were found to be satisfactory.

Hawkers

Food Hawkers are required to be registered under The Lancashire County Council (General Powers) Act, 1951, Section 14.

At the end of the year 36 persons actively engaged in hawking, were registered under this Section.

Unsound Food

The following articles of food were, on inspection, found to be unfit for human consumption, and were voluntarily surrendered :-

Fish	...	...	...	46	tins
Milk	...	...	...	164	"
Meat Products	...	...	...	338	"
Fruit	...	...	...	250	"
Vegetables	...	...	...	343	"
Rice	...	...	...	136	"
Soups	...	...	...	128	"
Cream	...	...	...	21	"
Meat	...	...	...	252	lbs.
Carrots	...	...	...	55½	cwt.
Vinegar	...	...	...	84	bottles
Sauce	...	...	...	36	"
Mineral Waters	...	...	...	24	"
Squash	...	...	...	24	"

Prosecutions

There was one prosecution under Section 2 Food and Drugs Act 1955 in which the defendant was fined £25 with £7 7s. 0d. costs.

Foods and Drugs Act 1955—Food Samples

During the year 258 samples of food and drugs were taken, and submitted for analysis, 189 were milk samples, and 69 other foods. All were reported as satisfactory with the exception of 6 samples.

The unsatisfactory samples were reported on by the Analyst as follows :-

MILK	—	Contained 0.6 I.U. penicillin per ml.
MILK	—	Contained 0.02 I.U. penicillin per ml.
MILK	—	Contained 0.02 I.U. penicillin per ml.
FLOUR, plain	—	Contained only 125 milligrammes. Creta praeeparata per 100 grammes. (Limits 235-390 milligrammes per 100 grammes)
MEAT, cooked	—	Contained one pellet of mouse excreta weighing 16 milligrammes.
KAOLIN & MORPHINE MIXTURE	—	Content of acid insoluble matter 9.3% (B.P.C. limits 11.0—14.4%)

Shops Act 1950

The Public Health Inspectors made 124 inspections of shops during the year.

There was a prosecution under Section 1 (half day closing) of the Act, resulting in the Defendant being fined £1.

Rodent Control

The following is a summary of the work carried out during the year :-

Type of Property	Number of complaints	Number of treatments		Number of inspections made
		Rats	Mice	
Local Authority	11	1	3	125
Dwelling Houses	690	640	13	5,836
Business Premises	15	8	2	103
	716	649	18	6,064

Two sewer treatments were also carried out during the year.